

Remarks

Reconsideration of this application as amended is respectfully requested.

Claims 1-3, 5, 6, 11-13, 15 and 16 stand rejected under 35 U.S.C. §102(b) in view of U.S. Patent No. 4,769,714 of *Osborne* ("Osborne").

Claims 7-10 and 17-20 are allowed.

The examiner has stated that claims 4 and 14 would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. In response, applicant has amended claim 4 to include all of the limitations of base claim 1 and intervening claims 2-3 and has amended claim 14 to include all of the limitations of base claim 11 and intervening claims 12-13. It is therefore submitted that amended claims 4 and 14 are in a condition for allowance.

Applicant has also amended claim 5 to depend from claim 4 and has amended claim 15 to depend from claim 14. Given that claims 5-6 and 15-16 depend from allowable claims 4 and 14, it is submitted that claims 5-6 and 15-16 are also in a condition for allowance.

Applicant submits that amended claim 1 is not anticipated by *Osborne* because *Osborne* does not disclose a two stage amplifier having a component coupled in series between amplifier stages that is selected to provide a stability in the amplifier by inserting a feedback loss between amplifier stages as claimed in amended claim 1. Instead, *Osborne* discloses a component (an inductor 41) coupled in series between amplifier stages that suppresses high frequency currents between amplifier stages (*Osborne*, col. 2, lines 51-54) and a component (a resistor 42) coupled in series between amplifier stages that suppresses arc currents between amplifier stages (*Osborne*, col. 2, lines 55-56).

The examiner has stated that the resistor 42

disclosed by Osborne is selected to provide a stability in an amplifier. (Page 2, Office Action, 4-28-06). Osborne clearly states, however, that "resistor 42 provides a series impedance to arc currents" (Osborne, col. 2, lines 55-56) and reduces the Q of a low pass filter 40 of which it is a component (Osborne, col. 2, lines 56-59). Osborne does not disclose a feedback loss between amplifier stages as claimed in amended claim 1.

Given that claims 2-3 depend from amended claim 1, it is submitted that claims 2-3 are not anticipated by Osborne.

It is also submitted that amended claim 11 is not anticipated by Osborne because amended 11 includes limitations similar to the limitations of amended claim 1. Therefore, the remarks stated above with respect to amended claim 1 and Osborne also apply to amended claim 11.

Given that claims 12-13 depend from claim 11, it is submitted that claims 12-13 are not anticipated by Osborne.

It is respectfully submitted that in view of the amendments and arguments set forth above, the applicable objections and rejections have been overcome.

The Commissioner is authorized to charge any underpayment or credit any overpayment to Deposit Account No. 50-3718 for any matter in connection with this response, including any fee for extension of time, which may be required.

Respectfully submitted,

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